

## ABSTRACT:

Noise filtering an image sequence ( $VI$ ) is provided wherein statistics ( $S$ ) in at least one image of the image sequence ( $VI$ ) is determined (11) and at least one filtered pixel value ( $P_i'$ ) is calculated from a set of original pixel values ( $P_i, M_i$ ) obtained from the at least one image, wherein the original pixel values ( $P_i, M_i$ ) are weighted (13) under control (12,  $\alpha$ ) of the statistics (11).

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Fig. 1

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